

#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

04/19/2004

Kenneth G. Pritchard P.O Box 306 Ridgecrest, CA 93556

EXA	MINER
NGUYE	N, DUNG T
ART UNIT	PAPER NUMBER
2020	<del></del>

DATE MAILED: 04/19/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/769,111	01/25/2001	Harold E. Bennett	S458-J	4671

TITLE OF INVENTION: LIMITER OPTICS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$300	\$965	07/19/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- □ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 97/89,111 01/25/2001 Harold E. Bennett \$458-J 4671  TITLE OF INVENTION: LIMITER OPTICS  APPLN-TYPE SMALL ENTITY ISSUE FEE PUBLICATION PEE TOTAL PEE(S) DUE DATE DUE nonprovisional YES \$665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS NOUTEN, DUNG T 2828 372-00/2000  1. Change of correspondence address or indication of "Fee Address" (37 2828 372-00/2000)  1. Change of correspondence address or indication of "Fee Address" (37 2828 372-00/2000)  1. Change of correspondence address or indication of "Fee Address" (37 2828 372-00/2000)  1. Change of correspondence address (or Change of Correspondence Address form PTO/SB/12) attached.  1. Change of correspondence address (or Change of Correspondence Address form PTO/SB/12) attached.  2. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PTENT (print or type)  PLEASE NOTE: Luless an assignee is identified below, no assignee data will appear on the patent, inclusion of assignee data is only appropriate when an assignment been previously submitted to the US/PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment of PRINTED CONTROL (B)	appropriate. All further corr	espondence including the lead of the lead	Patent, advance orders	s and notification	of maintenance fees v	ired). Blocks I through 4 s vill be mailed to the current ; and/or (b) indicating a sepa	correspondence address a
Certificate of Mailing or Transmission   POS 803	CURRENT CORRESPONDENCE	E ADDRESS (Note: Legibly mark-up	p with any corrections or use l	Block 1)	Note: A certificate of Fee(s) Transmittal. The papers. Each additional control of the papers.	mailing can only be used for is certificate cannot be used all paper, such as an assignment	or domestic mailings of th for any other accompanying ent or formal drawing, mus
P.O Box 306 Ridgecrest, CA 93556  APPLICATION NO. FILING DATE FIRST NAMED BIVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 97769,111 01737/2001 Harold E. Bennett S458-J 4671  TITLE OF INVENTION: LIMITER OFTICS  APPLY TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS SUBCLASS  NGUYEN, DUNGT 2828 372-002000  EXAMINER ART UNIT CLASS SUBCLASS  NGUYEN, DUNGT 2828 372-002000  L. Clange of correspondence address or indication of "Fee Address" (37 CTR 1-563) Change of correspondence address (or Change of Correspondence Address from FTO/SM1/2) statistical of the "Fee Address" (17 CTR 1-563) Change of correspondence address (or Change of Correspondence Address from FTO/SM1/2) statistical of the "Fee Address" indication for "Fee Address" indication for "Fee Address" indication for "Fee Address from FTO/SM1/2) statistical value in the pattern front page, list (1) the names of up to 3 registered pattern with the pattern of the pattern front page, list (1) the names of up to 3 registered pattern attorneys or 1 agents of the pattern front page, list (1) the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3 registered pattern attorneys or 1 agents of the names of up to 3					have its own certificat	e of mailing or transmission.	5,
APPLICATION NO. FILING DATE FIRST NAMED BYENTOR ATTORNEY DOCRET NO. CONFIRMATION NO. 09769,111 01/25/2001 Harold E. Bennett S458-J 4671  TITLE OF INVENTION: LIMITER OPTICS  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE  EXAMINER ART UNIT CLASS-SUBCLASS  NGUYEN, DUNGT 2828 372-002000  I. Change of correspondence address or indication of "Fee Address" (37 CR 1,365).  Change of correspondence address or indication of "Fee Address" (37 CR 1,365).  Change of correspondence address or indication of "Fee Address" (37 CR 1,365).  Change of correspondence address of Change of Correspondence Address from PTO/SB/12/2) attacked using of the patient front page, list (1) the animase of up to 3 registered patient attorneys or agents (84, alternatively, (2) the name of a single will be patient. Number of the patient in the patient attorneys or agents (84, alternatively, (2) the name of a single will be patient. (1) the patient in the pa		ard			Cer	rtificate of Mailing or Trans	smission
APPLICATION NO. FILING DATE FIRST NAMED BYENTOR ATTORNEY DOCRET NO. CONFIRMATION NO. 09769,111 01/25/2001 Harold E. Bennett S458-J 4671  TITLE OF INVENTION: LIMITER OPTICS  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE  EXAMINER ART UNIT CLASS-SUBCLASS  NGUYEN, DUNGT 2828 372-002000  I. Change of correspondence address or indication of "Fee Address" (37 CR 1,365).  Change of correspondence address or indication of "Fee Address" (37 CR 1,365).  Change of correspondence address or indication of "Fee Address" (37 CR 1,365).  Change of correspondence address of Change of Correspondence Address from PTO/SB/12/2) attacked using of the patient front page, list (1) the animase of up to 3 registered patient attorneys or agents (84, alternatively, (2) the name of a single will be patient. Number of the patient in the patient attorneys or agents (84, alternatively, (2) the name of a single will be patient. (1) the patient in the pa					States Postal Service	with sufficient postage for fir	g deposited with the Uniters of class mail in an envelop
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONTRIBUTION OP769,111 01/25/2001 Harold E. Bennett S458-J 4671  TITLE OF INVENTION: LIMITER OPTICS  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES S665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS  NGUYEN, DUNGT 3238 372-00/2000  CR 1.503). For printing on the patent front page, list (1) the names of up to 2 registered patent attorneys or address from FTO-589 (2)2 instanction (or "Fee Address" (and a class of the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If no name is listed, no name will be printed. The patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If no name is listed, no name will be printed. The patent front page, list (1) the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. (A) NAME OF ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignme is identified below, no assignmed as a will appear on the patent, inclusion of assignee data is only appropriate when an assignment uniform the patent of the patent front page. It is (1) the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. (A) NAME OF ASSIGNEE (ULTY or to being administed unifor evidence of the patent inclusion of assignee data is only appropriate when an assignment of the patent front page. It is (1) the printed on the patent front page. It is (1) the patent front page or agent and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. (A) NAME OF ASSIGNEE (ULTY or to being administed unifor evidence on the patent, inclusion of assignment. (B) RESIDENCE (CITY and STATE OR COUNTRY)  Please check the appropriate assignme category or categories (will not be printed on the patent). (Didose an extra copy of files form). (Didose an extr	Riagecrest, CA 935	36			addressed to the Mai transmitted to the USF	I Stop ISSUE FEE address TO, on the date indicated bel	above, or being facsimil- low.
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 99769,111 0125/2001 Harold E. Bennett S458-J 4671  TITLE OF INVENTION: LIMITER OPTICS  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS  NGUYEN, DUNGT 2528 372-002000  1. Change of correspondence address or indication of "Fee Address" (37) CFR 1.531. Branch of Correspondence Address from PTO/S8/1/2, backed.    Fee Address from PTO/S8/1/2 Actual Color of Correspondence Address from PTO/S8/1/2 Actual Color of Color o							(Depositor's name)
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 99/769,111 01/25/2001 Harold E. Bennett S458-J 4671  TITLE OF INVENTION: LIMITER OPTICS  APPLN-TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES 5665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS  NGUYEN, DUNG T 2228 372-002000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  C) Change of correspondence address or indication of "Fee Address" (37 CFR 1.364).  C) Crange of correspondence address (or Change of Correspondence Address from 170/SMF/22) automated and the state of the Correspondence Address from 170/SMF/22) automated and the state of the Correspondence Address from 170/SMF/22) automated and the state of the Correspondence Address from 170/SMF/22 automated and the Correspondence Address from 170/SMF/23 automated and the Correspondence Advance of the Correspondence Advance of the Correspondence Advance of the Correspondence Advance of Technology and the names of up to 2 registered patent atomy or against from 170/SMF/23 automated and 170/SMF/23 and 170/SMF/2					.,		(Signature)
APPLN.TYPE   SMALL ENTITY   ISSUE FEE   PUBLICATION FEE   TOTAL FEE(S) DUE   DATE DUE							(Date)
APPLN_TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS  NGUVEN, DUNGT 2288 372-002000  CRR 1.365).  Change of correspondence address or indication of "Fee Address" (37 CRR 1.361).  Change of correspondence address or indication for "Fee Address" (37 CRR 1.361).  Change of correspondence address (or Change of Correspondence Address from PTOS/BH/2?) statehed.  "Fee Address' indication for "Fee Address" Indication form PTOS/BH/2?) statehed.  "Fee Address' indication for "Fee Address' Indication form PTOS/BH/2?) statehed.  "Fee Address' indication for "Fee Address' Indication form PTOS/BH/2?) statehed.  "Fee Address' indication for "Fee Address' Indication form PTOS/BH/2?) statehed.  "Fee Address' indication for "Fee Address' Indication form PTOS/BH/2?) statehed.  "Fee Address' indication for "Fee Address' Indication form PTOS/BH/2? (as a nember a registered datone) or agent. In on name is listed, no name will be printed.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent, Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  Please check the appropriate assignee category or categories (will not be printed on the patent);  da. The following fee(s) are enclosed:  Payment by redict card, from PTO-2038 is attached.  Payment by redict card, from PTO-2038 is attached.  Payment by redict card, from PTO-2038 is attached.  Cardinary of the assignment of the fee(s) is enclosed.  Payment by redict card, from PTO-2038 is attached.  Cardinary of the assignment of the payment of fee(s), or credit any overpayme personal properties of the United States Patent and Traceheman AUTifice.  Director for Patents is requested to a	APPLICATION NO.	FILING DATE	FIRS	ST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
APPLN_TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS  NGUVEN, DUNG T 2228 372-002000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.365).  Change of correspondence address or indication of "Fee Address" (37 CFR 1.365).  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  "Fee Address' indication (or "Fee Address" Indication from PTO/SB/122) attached.  "Fee Address' indication (or "Fee Address" Indication from PTO/SB/122) attached.  "Fee Address' indication (or "Fee Address" Indication from PTO/SB/122) attached.  "Fee Address' indication (or "Fee Address" Indication from PTO/SB/122) attached.  "Fee Address' indication (or "Fee Address" Indication from PTO/SB/122) attached.  "Fee Address' indication (or "Fee Address" Indication from Number is required.  "A SSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assigne is identified below, no assignee data will appear on the patent, Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of his form is WOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  Please check the appropriate assignee category or categories (will not be printed on the patent); Uniquidad Uncorporation or other private group entity Ungoverned.  By Payment by redict card, Form PTO-2038 is attached.  "Payment by redict card from PTO-2038 is attached.	09/769,111	01/25/2001		Harold E. Benne	t	S458-J	4671
nonprovisional YES \$665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS  NGUYEN, DUNG T 2828 372-002000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).  CFR 1.563.  CFR 1.569.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  D'Fee Address' indication or "Fee Address" (18 CFR 1.563).  P'Fee Address' indication or "Fee Address' (18 CFR 1.564).  P'Fee Address' indication or "Fee Address' Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent, inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT's substitute for filing an assignment.  (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent);   individual   corporation or other private group entity   govern 4a. The following fee(s) are enclosed:   D A check in the amount of the fee(s) is enclosed.   Payment of Fee(s):   A check in the amount of the fee(s) is enclosed.   Payment by credit card. Form PTO-2038 is attached.   Payment by credit card. Form PTO-2	TITLE OF INVENTION: LI	MITER OPTICS					
nonprovisional YES \$665 \$300 \$965 07/19/2004  EXAMINER ART UNIT CLASS-SUBCLASS  NGUYEN, DUNG T 2828 372-002000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.543).  CRIAGE of Correspondence address (or Change of Correspondence Address form PTO/SS/1/23) attached.  3. Change of correspondence address (or Change of Correspondence Address from PTO/SS/1/23) attached.  3. Pee Address' indication (or "Fee Address" Indication form PTO/SS/47; Rev 03-02 or more recent) attached. Use of a Customer Number to required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent). Inclusion of assignee data is only appropriate when an assignment.  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent). Inclusion of this form is NOT a substitute for filing an assignment.  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent). Inclusion of the fee(s) is enclosed.    Payment of Fee(s):   Individual   Corporation or other private group entity   govern   A check in the amount of the fee(s) is enclosed.    Payment by credit card. Form PTO-2038 is attached.   Payment by credit car	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	Pi	JBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
EXAMINER	nonprovisional	YES	\$665		\$300	<u> </u>	07/19/2004
NGUYEN, DUNG T  2828  372-002000  1. Change of correspondence address or indication of "Fee Address" (37 CPR 1.56s).  CRR 1.56s).  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from FT0/SB/122) attached.  Change of correspondence address from SB/122) attached.  Change of correspondence address from SB/1222 attached.  Change of correspondence address from SB/12221 attached.  Change of correspondence address or single from Address from SB/12221 attached.  Change of Carbon Address from SB/12221 attached.  Change of Carbon Address from SB/12221 attached.	EXAM	INER	ARTUNIT		ASS-SURCI ASS	1	
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).    Change of correspondence address (or Change of Correspondence Address form PTO/SB/12) attached.   Tee Address indication (or "Fee Address" indication form PTO/SB/12) attached.   Tee Address indication (or "Fee Address" indication form PTO/SB/12) attached.   Tee Address indication (or "Fee Address" indication form PTO/SB/12) attached.   Tee Address indication (or "Fee Address" indication form PTO/SB/12) attached.   Tee Address indication (or "Fee Address" indication form PTO/SB/14; Rev 03-02 or more recent) attached. Use of a Customer Number is required.   ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)   PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent, inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.   A) NAME OF ASSIGNEE   (B) RESIDENCE: (CITY and STATE OR COUNTRY)    Please check the appropriate assignee category or categories (will not be printed on the patent);   Dindividual   Deorporation or other private group entity   Diversity of the private propriate assignment   Diversity of the private propriate   Diversity of the private   Diversity of t						J	
CFR 1.563).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address) indication (or 'Fee Address' indication (or 'Fee Address' indication form provided to the printed on the patient).  Change of correspondence address' indication form provided printed on the patient, inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  Change of correspondence address' indication form printed on the patient, inclusion of this form is NOT a substitute for filing an assignment over a printed printed on the patient, inclusion of this form is NOT as substitute for filing an assignment over a printed printed on the patient, inclusion of this form is NOT as substitute for filing an assignment over a printed printed on the patient, inclusion of the fee(s) is enclosed.  Change of Correspondence of the patient of the patien		*					·
4a. The following fee(s) are enclosed:    Ab. Payment of Fee(s):   A check in the amount of the fee(s) is enclosed.   Payment by credit card. Form PTO-2038 is attached.   Payment by credit card. Form PTO-2038 is attached.   The Director is hereby authorized by charge the required fee(s), or credit any overpayme Deposit Account Number	☐ Change of corresponde Address form PTO/SB/12 ☐ "Fee Address" indicatic PTO/SB/47; Rev 03-02 o Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless is been previously submitted	2) attached. on (or "Fee Address" Indicate more recent) attached. Use RESIDENCE DATA TO Be an assignee is identified be to the USPTO or is being a second of the USPTO or is being a second or in the USPTO or is being a second or in the USPTO or is being a second or in the USPTO or is being a second or in the USPTO or is being a second or in the USPTO or in the USPT	correspondence tion form e of a Customer E PRINTED ON THE low, no assignee data submitted under separa	agents OR, altern firm (having as a agent) and the na attorneys or agen will be printed. EPATENT (print will appear on thate cover. Comple	atively, (2) the name member a registered mes of up to 2 regist is. If no name is listed or type) a patent, Inclusion of a cion of this form is NO	of a single attorney or 2 ered patent d, no name 3 essignee data is only appropris	ate when an assignment ha
(Authorized Signature)  (Date)  NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.	4a. The following fee(s) are e ☐ Issue Fee ☐ Publication Fee	enclosed:	4b. Pa	ayment of Fee(s): A check in the am Payment by credit The Director is h	ount of the fee(s) is end card. Form PTO-2038 ereby authorized by cl	closed. is attached. narge the required fee(s), or	credit any overpayment, to
NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.	Director for Patents is reques	ted to apply the Issue Fee a	nd Publication Fee (if a	any) or to re-apply	any previously paid i	ssue fee to the application ide	entified above.
other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.	(Authorized Signature)		(Date)	<u></u>			
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.	other than the applicant; a interest as shown by the rec	registered attorney or ago ords of the United States Pa	ent; or the assignee of atent and Trademark O	or other party in			
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.	This collection of informat obtain or retain a benefit be application. Confidentiality estimated to take 12 minute completed application form case. Any comments on a suggestions for reducing the Patent and Trademark C 22313-1450. DO NOT SI SEND TO: Commissioner for Under the Paperwork Recollection of information under the Paperwork Recollection of the Paperwork Recollection of information under the Paperwork Re	ion is required by 37 CFR by the public which is to fi is governed by 35 U.S.C. I les to complete, including gent to the USPTO. Time will the amount of time you it is burden, should be sent office, U.S. Department END FEES OR COMPLE for Patents, Alexandria, Virguetion Act of 1995, or pless it displays a valid OM to the post it displays the post it displays a valid OM to the post it displays the post it di	1.311. The informaticile (and by the USPTC 122 and 37 CFR 1.14.7 C	on is required to O to process) an This collection is id submitting the on the individual his form and/or ion Officer, U.S. andria, Virginia HIS ADDRESS.			



# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/769,111	01/25/2001	Harold E. Bennett	S458-J	4671
75	90 04/19/2004		EXAM	INER .
Kenneth G. Pritch	ard	•	NGUYEN,	DUNG T
P.O Box 306 Ridgecrest, CA 935	56		ART UNIT	PAPER NUMBER
,			2828	
			DATE MAILED: 04/19/2004	4

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 549 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 549 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)
AU CONTRACTOR AL SINA	09/769,111	BENNETT, HAROLD E.
Notice of Allowability	Examiner	Art Unit
	Dung (Michael) T Nguyen	2828
Th MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. <b>THIS</b>
1. This communication is responsive to <u>03/25/04</u> .		
2. The allowed claim(s) is/are 3-18.		
3. $\boxtimes$ The drawings filed on <u>25 January 2001</u> are accepted by the	e Examiner.	
<ul> <li>4. Acknowledgment is made of a claim for foreign priority unapplication.</li> <li>a) All b) Some* c) None of the: <ol> <li>1. Certified copies of the priority documents have</li> <li>2. Certified copies of the priority documents have</li> <li>3. Copies of the certified copies of the priority documents have</li> <li>International Bureau (PCT Rule 17.2(a)).</li> </ol> </li> <li>* Certified copies not received:</li> </ul>	been received. been received in Application No	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be subminformal PATENT APPLICATION (PTO-152) which give		
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") mus  (a) ☐ including changes required by the Notice of Draftspers  1) ☐ hereto or 2) ☐ to Paper No./Mail Date  (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the state of the sheet.	on's Patent Drawing Review (PTO- s Amendment / Comment or in the C	office action of age in the front (not the back) of
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT		
Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)  3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date  4. Examiner's Comment Regarding Requirement for Deposit of Biological Material  Don Wong  Supervisory Patent Examiner	6. ☐ Interview Summary Paper No./Mail Dat 8), 7. ☐ Examiner's Amendn	e
Technology Center 2809		

### **DETAILED ACTION**

# Allowable Subject Matter

Claims 3-18 are allowed.

The following is an examiner's statement of reasons for allowance: The examiner has reviewed the prior art in light of applicant's claimed invention and finds that the claims define over the prior art. The prior art does not disclose or suggest inter alia the limitations "... Limiter optics for an ignition feedback regenerative free electron laser amplifier having a pulsed output beam of predetermined duration from an undulator comprising: A. A pickoff member using a convex pickoff mirror adapted to direct a portion of the output of said pulsed output beam as a pickoff beam and which expands said pickoff beam to a predetermined size; and B. a limiter assembly adapted to bring said directed pickoff beam to a focus at a selected point within said undulator at a selected time where said limiter assembly further comprises: (i) an expander mirror adapted to modify spatial and temporal characteristics of said portion of the output picked off by said pickoff means; (ii) a first focusing optics adapted to focusing said modified directed pickoff beam to a focal point; (iii) a limiter plate movably placed near said focal point so as to allow said focused modified directed pickoff beam to pass through said limiter plate; (iv) adjusting member operably connected to said limiter Application/Control Number: 09/769,111

Art Unit: 2828

plate and adapted to move it closer to or farther from said focal point as desired; and (v) a second focusing optics placed after said pickoff beam has passed through said limiter plate and adapted to refocus said focused directed pickoff beam to a predetermined point in said ignition feedback regenerative free electron laser amplifier."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### **Communication Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung (Michael) T Nguyen whose telephone number is (571) 272-1949. The examiner can normally be reached on 8:30 - 17:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone numbers for the organization where this application or proceeding is

Application/Control Number: 09/769,111

Art Unit: 2828

Page 4

assigned are (703) 306-5511 for regular communications and (703) 306-5511 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-3329.

Nguyen (Michael) Dung

Don Wong

Supervisory Patent Examiner Technology Center 2800